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8/29/05**SUBSTITUTE SPECIFICATION WITH REVISION MARKS ACCEPTED****CROSS REFERENCE TO RELATED APPLICATIONS**

This patent application is a continuation-in-part of pending U.S. Application Ser. No. 10/423,887, RFID Based Security Network, filed on Apr. 28, 2003 by the inventor of the present application; which is itself a continuation-in-part of pending U.S. Application Ser. No. 10/366,316, RFID Reader for a Security System, filed on Feb. 14, 2003 by the inventor of the present application; which is itself a continuation-in-part of U.S. Application Ser. No. 10/356,512, RFID Based Security System, filed on Feb. 3, 2003 by the inventor of the present application (now granted as U.S. Patent No. 6,888,459).

This patent application is further cross referenced to the following patent applications, all filed on Feb. 14, 2003 by the inventor of the present application: Communications Control in a Security System, Application Ser. No. 10/366,320; Device Enrollment in a Security System, Application Ser. No. 10/366,335; Controller for a Security System, Application Ser. No. 10/366,334; and RFID Transponder for a Security System, Application Ser. No. 10/366,317.

All of the foregoing cross-referenced patent applications are incorporated by reference into this present patent application.

BACKGROUND OF THE INVENTION

Security systems and home automation networks are described in numerous patents, and have been in prevalent use for over 40 years. In the United States, there are over 14 million security systems in residential homes alone. The vast majority of these systems are hardwired systems, meaning the keypad, system controller, and various intrusion sensors are wired to each other.